

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) Evaporative crystallisation process to make salt compositions which includes a step wherein a mother liquor containing an effective amount of a crystal growth inhibitor comprising at least one saccharide or saccharide derivative is formed and wherein the effective amount of crystal growth inhibitor is less than 50,000 mg per kg of mother liquor, to form an octahedral or spherical high-purity salt wherein the K and/or Br and/or SO₄ and/or Ca content is less than 5% lower than in salt crystallized from the same mother liquor but without using a crystal growth inhibitor.

2-3. (Cancelled)

4. (Previously Presented) Process according to claim 1 further including a washing step for the crystallised salt.

5. (Previously Presented) Process according to claim 1 further including a drying step for the salt such that a salt or a wet salt is produced.

6. (Previously Presented) Process according to claim 1 wherein the saccharide or saccharide derivative is present in its native form or in an oxidised form.

7. (Previously Presented) Process according to claim 1 wherein the saccharide derivative is selected from the group consisting of dehydrated saccharides, esterified saccharides, saccharides bearing one or more phosphate groups, one or more phosphonate groups, one or more phosphino groups, one or more sulfate groups, one or more sulfonate groups, and/or one or more amino groups, alkali, alkaline earth or transition metal salts of derivatised saccharides, and alkali, alkaline earth or transition metal salts of saccharides.

8. (Original) Process according to claim 7 wherein the crystal growth inhibitor comprises a Ca and/or Fe salt of the saccharide or saccharide derivative.

9. (Previously Presented) Process according to claim 1 wherein the crystal growth inhibitor comprises at least one (derivatised) saccharide selected from the group consisting of glucose, fructose, galactose, mannose, arabinose, xylose, lyxose, ribose, sucrose, lactose, maltose, raffinose, inulin, galactaric acid, gluconic acid, mannonic acid, and derivatives thereof.

10. (Previously Presented) Method of performing electrolysis processes, comprising using a brine produced with salt resulting from the process of claim 1 in the electrolysis processes.

11. (Previously Presented) Method of performing membrane electrolysis comprising using a brine according to claim 10 in a membrane electrolysis cell.

12. (Previously Presented) Method according to claim 1, wherein said salt is useful for consumption purposes.